

REMARKS

In light of the above amendments and remarks to follow, entry of this amendment and reconsideration and allowance of this application are respectfully requested.

Claims 1-2, 12-14, 24-26, and 36-39 are pending in this application. Claims 3-11, 15-23, and 27-35 are canceled.

Claims 1, 2, 13, 14, 25, 26, 32, and 37-39 were rejected under 35 U.S.C. §103(a) as being unpatentable over the applicant's admitted prior art (hereinafter "AAPA") in view of Mayer et al. (U.S. Patent 4,296,476) and Sasson (U.S. Patent 4,695,874).

The present invention is directed to "virtual acoustic image localization processing of digital audio signals based on at least one type of information among position information, movement information, and localization information of an acoustic image." (Claim 1; all independent claims contain similar limitations) Hence, the present invention is relates to the field of audio signal processing and the prescribed time period is a time unit appropriate for audio processing. By contrast, Mayer relates to a data processor having a programmable graphics generator. Likewise, Sasson relates to video signal processing. Therefore, Mayer and Sasson both belong to a non-analogous art field from the present invention. Moreover, neither Mayer nor Sasson meets the "virtual acoustic image localization processing" limitations recited in the present claims.

The present claims further recite "generating single modified information at the end of said prescribed period of time based on said plurality of changes in said information." (Claim 1) The Examiner admits, the AAPA fails to teach generating single modified information based on a plurality of information changes. Rather, the Examiner asserts that Mayer teaches this concept. However, Mayer actually discloses waiting

until the end of the next vertical blanking interval before transferring the next instruction. (Column 24, lines 30-35) Mayer fails to disclose that the instruction is generated based on a plurality of instructions. Applicants assume the Examiner would argue that the plurality of changes in position of the electron gun are performed at the vertical blanking interval. But, the electron gun moves with the display period and the electron gun's motion that moves backup to a first line of the television screen is not generated based on a plurality of information changes (instructions).

Accordingly, for at least the reasons stated above, AAPA, Mayer and Sasson fail to obviate the present invention and the rejected claims should now be allowed.

Claims 12, 24, and 36 were rejected under 35 U.S.C. §103(a) as being unpatentable over AAPA in view of Mayer in further view of Inanaga et al. (US 5,796,843).

Claims 12, 24, and 36 depend from claims 1, 13, and 25, respectively and, due to such dependency, are believed to be distinguishable from the applied combination of AAPA and Mayer for at least the reasons previously described. The Examiner does not appear to have relied on Inanaga to overcome the above-described deficiency of the AAPA and Mayer combination. Accordingly, claims 12, 24, and 36 are believed to be distinguishable from the applied combination of AAPA, Mayer, and Inanaga.

As it is believed that all of the rejections set forth in the Official Action have been fully met, favorable reconsideration and allowance are earnestly solicited.

If, however, for any reason the Examiner does not believe that such action can be taken at this time, it is respectfully requested that he/she telephone applicant's

Application No.: 09/918,007

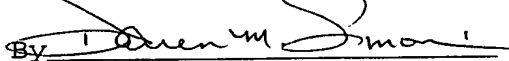
Docket No.: SONYJP 3.0-809

attorney at (908) 654-5000 in order to overcome any additional objections which he might have.

If there are any additional charges in connection with this requested amendment, the Examiner is authorized to charge Deposit Account No. 12-1095.

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Respectfully submitted,

By 

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